


AMENDMENTS TO THE SPECIFICATION:

Rewrite page 3 as follows:

 --construction point of view since each panel either is supplied in a standard size and therefore gives rise to major problems in terms of applicational adaptability or is made-to-measure for each particular job and therefore, during application, must match exactly the design requirements, thus depriving the installation engineer of any working flexibility and moreover creating considerable difficulties with regard to site management. In this latter case, in fact, supplying of the individual panels cannot be performed in a random manner, but must be carefully planned and executed, strictly in keeping with the progress of the panel installation work itself. The radiating panels made using the second abovementioned technique obviously do not have these drawbacks, but instead have the major disadvantage that they require plastering with cement mortar or with gypsum plaster on-site, thus eliminating one of the essential advantages of this type of product, namely that of allowing "clean" installation in an existing building structure where the furnishings are already in place. DE-A-4137753 discloses a radiating panel in which a plurality of parallel capillary pipes are embedded in a plasterboard and connected at their opposed end to respective headers included in the panel structure. DE-U-9012650 discloses fixing systems for radiating panels.

The object of the present invention is therefore that of providing a plasterboard-based radiating panel which avoids the problems and the drawbacks mentioned above and which in particular has a high structural strength and rigidity and allows installation with a finished surface without the use of mortar or plaster so as to be suitable also for installation in existing buildings.

Another object of the present invention is that of providing a plasterboard radiating panel of the abovementioned type which does not have the drawbacks of applicational unflexibility associated with the known panels but which allows, using a single standard factory size, very flexible modular application in the individual installations, thus avoiding both the need to produce panels which are made-to-measure for the particular job in question and the drawback of complicated logistical management with regard to supplying of the panels on-site.--

